## SEPA ENVIRONMENTAL CHECKLIST UPDATED 2014

### Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

### Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to <u>all parts of your proposal</u>, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

### Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

### Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the <u>SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D)</u>. Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements —that do not contribute meaningfully to the analysis of the proposal.

### A. background

1. Name of proposed project:

### **Cheasty Mountain Bike/Pedestrian Trail Pilot Project**;

The Cheasty Mountain Bike/Pedestrian Trail Pilot is a community proposal led by the Friends of Cheasty Greenspee at Mountain View located in Seattle. Washington.

2. Name of applicant:

Seattle Parks and Recreation 100 Dexter Avenue North Seattle, Washington 98109 206-684-4075

3. Address and phone number of applicant and contact person:

Seattle Parks and Recreation Project Contacts
Doug Critchfield, Manager
Natural Resources Unit
1600 South Dakota Street
Seattle, Washington 98108
206-684-4108
doug.critchfield@seattle.gov

Jon Jainga, Planning and Development Supervisor Natural Resources Unit / Green Seattle Partnership 1600 South Dakota Street Seattle, Washington 98108 206-233-5019 jon.janga@seattle.gov

4. Date checklist prepared:

May 20, 2015

5. Agency requesting checklist:

Lead Agency - Seattle Parks and Recreation

6. Proposed timing or schedule:

Anticipated Project timing and Schedule – April 1, 2016 through October 31, 2016 [The Community Group needs to seure the project's funds]

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal?

Yes, several connecting trails could be future additions to this project; including a crossconnecting trail from the existing neighborhood to the locate elementary school 8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Attached to this environmental checklist are:

- 2015 Cheasty Greenspace Wetland Reconnaissance and wildlife Habitat Assessment
- 2015 ESA Environmental Report
- 2015 Geotechnical Reconnaissance
- 2015 GeoTech Report
- 9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal?

Pending governmental approvals and decisions:

- May 28, 2015 Parks Board Approval
- June 2015 City Council
- Friends of Cheasty Greenspace at Mountain View 2015/2016 Funding Sources
- 10. List any government approvals or permits that will be needed for your proposal, if known.

### Local City Permits:

- Grading
- Construction

### Other Potential Permits may include:

#### State Permit

 National Pollutant Discharge Elimination System - NPDES (Department of Ecology)

### Federal Permit

- Section 404 fill in waters (U.S. Army Corps of Engineers)
- 11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site.

The City of Seattle Parks and Recreation Department proposes to construct a pilot trail project consisting of a bike & pedestrian perimeter loop trail system in the Cheasty Greenspace. The 65% Schematic Design consists of a soft-surface bike and pedestrian trails (see schematic design for additional details). The proposed bike trail typical 1'-3' in width; the proposed pedestrian trail typical 4' wide. The approximate length of each perimeter trails are: 1.5 miles for the bike trail and 1.3 miles for the pedestrian trail. Six entry points are proposed along the perimeter of the greenspace to allow public access to the trail system.

The parcel site is 28.4 acres<sup>1</sup> in size and current Land Use Zoning is SF 5000. The parcel is currently vacant and owned by the Seattle Parks and Recreation. This site is part of the Cheasty

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<sup>&</sup>lt;sup>1</sup> 2015 Seattle.gov/DPD/Parceldata

Greenbelt located in the Beacon Hill Neighborhood. The site is currently active as part of the City's urban forest restoration efforts through the Green Seattle Partnership program.

The site is adjacent to Cheasty Boulevard to the west, Seattle Housing Authority property (Rainier Vista Development) to the east, Columbia Way to the south, and the continuation of the greenbelt to the north.

Boardwalks and timber retaining walls are proposed for areas where the trail will need to cross critical environmental areas; e.g. wetlands or streams and steep slopes. These trail sections would be shared by both pedestrians and bicycles users.

Attached is the 65% Schematic Design of the trail layout

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Cheasty Greenbelt is identified as Parcel #1624049161<sup>2</sup>

Site address: 1635 South Columbian Way, Seattle, Washington 98108-1533, King County

Assessor Legal Description:

POR OF W 1/2 OF SE 1/4 LY ELY OF CHEASTY BLVD NLY OF COLUMBIAN WAY & WLY OF LN BEG AT PT ON NLY MGN OF COLUMBIAN WAY 511.57 FT NELY OF S LN OF SUBD TH N 22-23-11 W 668.36 FT TH N 09-21-54 E 1745.96 FT TO N LN OF SUBD PLAT BLOCK: PLAT LOT:

Vicinity map attached with the site plan

### **B.** ENVIRONMENTAL ELEMENTS

### 1. Earth

| a. (  | General description of the site   |
|-------|---|
| (circ | le one): Flat, rolling, hilly, steep slopes, mountainous,   |
| . (   | other   |
|       | General description of the site includes areas of flat, to rolling hill, to steep slopes and wetland areas. |

b. What is the steepest slope on the site (approximate percent slope)?

The steepest sloped area on the site is approximately 40% and greater. The slopes were variable in inclination over distances of tens of feet, generally between 3H:1V and 10H:1V.<sup>3</sup>

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<sup>&</sup>lt;sup>2</sup> 2015 Seattle.gov/DPD/Parceldata

<sup>&</sup>lt;sup>3</sup> 2015 Geotech Report

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

According to the 2015 Geotechnical report, the Cheasty Greenspace is underlain by the typical glacial sequence of the Vashon Stade of the Fraser Glaciation (Troost et al, 2005). Surficial soils as observed and probed predominantly consisted of loose grading to medium dense, brown, silty, gravelly sand. Probing depths ranged from 0.5 to 3 feet in the portion of the site south of the materials yard, 1 to 3.5 feet on slopes elsewhere, and 2 to 3 feet in wetland riparian areas.

Soils encountered in Geotechnical Field Explorations at the site were very different and are described below.

**Fill:** Fill soils consisting of very loose to loose, brown, gravelly, silty, sand with woody debris and organics were encountered in handhole HH-1 at the proposed top of steps. This fill material appeared to have been placed during grading of the area for the materials yard just to the north.

**Buried Topsoil:** Buried Topsoil consisting of very loose to loose, brown, silty, sand with woody debris and organics. It is differentiated from the fill by odor and presence of abundant organic matter, and by absence of jumbled appearance. This unit was encountered in handhole HH-1 below the fill. Handhole HH-1 was terminated in this unit upon refusal on gravel. It appears that when fill was placed it was simply pushed over the top of a cleared area vegetated with blackberry brambles.

**Topsoil:** Topsoil very similar in consistency to the buried topsoil in HH-1 was encountered at the surface in HH-2. Handhole HH-2 was dug at near the proposed bottom of the steps at the bottom of a relatively steep change in grade. The topsoil was thin – only about six inches thick and supported the growth of blackberry brambles and weeds. This unit is also a fill as indicated by the woven geosynthetic fabric separating it from the unit below. Topsoil was more weakly developed elsewhere on slopes throughout the site, and often there was none with Colluvium at the ground surface beneath minor duff.

**Weathered Advance Outwash:** Loose grading to dense, silty sand was encountered in HH-2 under the geosynthetic fabric. Color, presence of rust mottling, and density indicate a high degree of weathering near surface with the degree of weathering lessening with depth. Hand hole HH-2 was terminated in this unit.

**Organic Silt:** Organic silt stream and wetland deposits consisting of very soft sandy silt with abundant organics were encountered at the ground surface in hand holes HH-3 and HH-4. At the locations of hand borings HH-3 and HH-4 the organic silt was so soft that the DCP sank under the weight of the hammer. These organic silt soils were encountered in both wetland areas near the proposed boardwalk locations. This soil unit is very thin – approximately 0.25 feet thick is highly compressible, and will undergo consolidation settlement under the application of load.

These soils will also undergo biodegradation settlement over time as the organic material within the soil biodegrades.

**Course Grained Alluvium:** Course grained alluvial deposits were encountered below a depth of 0.25 feet in hand borings HH-3 and HH-4. These soils consisted of very loose grading to dense, gray, silty, fine to coarse sand and gravel.

**Colluvium:** Colluvium is soil that has been transported by gravity. Soil interpreted to be colluvium was encountered near the ground surface in hand holes HH-5 and HH-6, as well as observed at the surface throughout the majority of the greenspace. This soil consisted of loose, brown, very silty, gravelly SAND and was most likely derived from glacial till and advance outwash soils transported down from upslope. Colluvium was differentiated from topsoil by observing little organic content in it. This unit was differentiated from glacial till by color and relative density.

**Weathered Till:** Course grained deposits were encountered below a depth of 0.25 feet in hand borings HH-5 and HH-6. These soils consisted of very loose grading to dense, gray, silty, fine to coarse sand and gravel.

**Glacial Till:** Very dense olive gray silty gravelly sand was encountered in hand hole HH-5 below the weathered till. The transition between weathered and unweathered till is gradual and is interpreted from density and color, and the presence or absence of rust mottling.

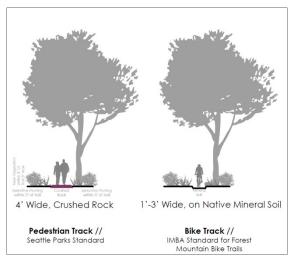
d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

During the Geotechnical Field Exploration, three areas of recent slope instability were observed:

- 1) Along the fill slope around the Parks materials yard: The fill historically spread over the crest of the slope showed signs of sliding this winter near the easternmost point. Fresh soil exposures near the top and deposits of sloughed and eroded soil down the 15-to 25-foot high slope were present.
- 2) Above an existing soldier pile wall just west of Dakota St and 24th Ave S.: This curving wall retains the toe of the forested slope within Rainier Vista common space, above a playground and the P-patch. The wall is from approximately 6 to 10 feet high and 300 feet long, with tiebacks along the eastern portion, as well as multiple clean outs in front of the wall, presumably for slope drainage piping. Two irregular slide scarps were observed at approximately 100 and 150 feet upslope from the wall. The scarps were on the order of 1 to 2 feet high and did not appear recent, being sloughed and mosscovered. Horizontal separation appeared to be less than 1½ feet at each scrap. The age of the scarps, based on appearance, is likely older than the relatively new soldier pile wall, which seems to have been built as part of the recent Rainier Vista redevelopment project. There were fewer and smaller trees in this area, likely due to past instability. However, the current trees were not tipped as would occur from deep, rotational sliding, such that in our opinion the most recent slide activity, before the wall was constructed, was relatively shallow and translational. The extent and exact locations of these scarps should be determined during project surveying.
- 3) The head end of the western riparian area, below hand hole HH-5: Ground water seepage was observed emanating in a bowl-shaped headwater area extending approximately 40 to 50 feet across. The bowl was gently sloping at the top, and increasing in slope as it transitions to a stream valley. Along the upper edge of the bowl, the slope was over-steepened to approximately 1H:1V to 1½H:1V over a height of 3 to 6

feet, with shallower slopes above. The localized over-steepening of this type is due to sloughing induced by ground water seepage. The slope progressively retreats headwardover time. This slope was vegetated and did not show recent signs of sloughing. Probing in the bowl extended only up to 3 feet, in soft, dark brown, organic sandy silt that was saturated. The probe terminated abruptly in dense gravelly sand.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.



### 1.3 Mile Pedestrian Trail:

The total approximate quantities of the affected pedestrian trail to be excavated and graded equates to 27.456 square feet cleared and 340 yards of washed engineered gravel installed.

### 1.5 Mile Bike Trail:

The total approximate quantities of the affected bike trail to be excavated and graded equates to 23,760 square feet cleared.

Total area cleared and excavated equates to 51,216 square feet or 1.175 acres.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

There could be some potential surface erosion as a result of the clearing and excavation period and preventative, industry standards will be required and in place to avoid surface erosion. Standard erosion and sediment controls will be required to be installed e.g. silt fencing, wattles, and gravel filter berms<sup>4</sup>

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Approximately, 2.3% of the site will be covered by impervious surfaces e.g. compacted washed gravel and boardwalks type material over wetland areas; both used for the pedestrian trail (approximately 1,280 square feet of potential impervious surface material designed for the boardwalk area and approximately 27,456 square feet of washed gravel).

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

The project will follow the Washington State Erosion and Sediment Control Standards to reduce and control erosion during construction; required use of silt fencing, wattles, and/or gravel filter berms<sup>5</sup>.

<sup>2014</sup> CESCL/BMPs

<sup>&</sup>lt;sup>5</sup> 2014 CESCL/BMPs

The project will also follow the Seattle Parks and Recreation Pedestrian Trail Standards and the IMBA<sup>6</sup> Mountain Bike Trail Standard during construction to prevent and reduce site erosion.

### 2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

A small engine grader or tractor could potentially be used to help clear the project area and used to install the washed engineered gravel.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No, no potential off-site sources of emissions are anticipated during the project construction.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

N/A

### 3. Water

- a. Surface Water:
- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

During ESA Environmental Wetland Reconnaissance and Wildlife Habitat Assessment<sup>7</sup>, nine wetlands and two potential wetlands were observed during the wetland reconnaissance investigation. The City uses the Washington State Wetland Rating System for Western Washington (SMC 25.09.160) and all wetlands were rated as category III or IV. The wetlands occur in depressions or on slopes and the majority is a linear feature trending west to east within narrow or broad ravines. The primary sources of wetland hydrology include groundwater seeping from the hillsides and precipitation. Dominant vegetation in forested and scrub/shrub wetlands consists of black cottonwood, red alder, salmonberry, and Himalayan blackberry, while emergent wetlands contain soft rush, lady fern, horsetail, and buttercup. Wetland soils typically meet the hydric soil indicator "F3 depleted matrix" and are characterized by Munsell matrix colors of 10 YR 4/2 and redox concentrations. Upland areas adjacent to wetlands are typically brown loams with Munsell matrix colors of 10 YR 3/2 to 10 YR 3/4.

The two potential wetlands are areas that support some wetland vegetation and hydrology indicators, but lack sufficient indicators of hydric soil to meet the definition of a wetland. These areas warrant further investigation.

One watercourse flowing west to east and extending the width of the greenspace was found.

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<sup>6</sup> IMBA.com 2015

<sup>&</sup>lt;sup>7</sup> 2015 Wetland Reconnaissance and Wildlife Habitat Assessment

A relatively new black corrugated plastic pipe had been laid in the channel and the watercourse flows partially through and partially around the pipe. Both the watercourse and pipe begin at Cheasty Boulevard and there appears to be a culvert under the road, indicating this to be a drainage feature. This watercourse does not meet criteria to be classified as a stream under SMC 25.09.

Trail projects by public agencies may be exempt from review by the Department of Planning and Development under the City's Environmentally Critical Areas regulations provided a number of conditions are met, intrusion in a buffer or critical area benefits the public, and the project is located and designed to minimalize environmental disturbance (SMC 25.09.45H). Any development activity within an identified Environmentally Critical Area is subject to all applicable regulation of the Seattle Municipal Code. Additional design and planning is needed to determine whether the proposed project meets the exemption criteria.

In terms of wetland regulations at state and federal levels, the wetlands in Cheasty Greenspace are subject to the Clean Water Act provisions. Impacts from dredging or filling wetlands would require a permit from the US Army Corps of Engineers (Corps) and Ecology. The wetlands may be considered "isolated" and thus not regulated by Federal law. However, they would be regulated under the State Clean Water Act, (Revised Code of Washington [RCW] 90.48) which prohibits pollution (including fill material) from entering into waters of the state. Wetland impacts could be avoided by using soft-surface trails and precast concrete or pin-pile supports for boardwalks or bridges (these structures are not considered "fill" by the Corps or Ecology).

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes, there are four (4) potential trails crossing over three of the waterlands areas identified in the 65% Schematic Design.

Boardwalks and timber retaining walls are proposed for areas where the trail will need to cross critical environmental areas; e.g. wetlands or streams and steep slopes. These trail sections would be shared by both pedestrians and bicycles users.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No estimate amount of fill or dredge material is anticipated at this time.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No, the proposed project does not anticipate any surface water withdrawals or diversions as a result of the 65% Schematic Design.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No, the proposed project does not lie within a 100-year floodplain.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No, the proposed project does not involve any discharge of waste material to surface Waters.

#### b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No, no groundwater will be withdrawn from any well for drinking.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste material will be discharged into the ground from any septic tanks.

- c. Water runoff (including stormwater):
  - 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Existing and natural surface water runoff will flow into the existing Cheasty Greenbelt. There could be some potential surface erosion as a result of the clearing and excavation period and preventative, industry standards will be required and in place to avoid surface erosion. Standard erosion and sediment controls will be required to be installed e.g. silt fencing, wattles, and gravel filter berms<sup>8</sup>

2) Could waste materials enter ground or surface waters? If so, generally describe.

No, there are no potential waste materials that could enter the ground or surface water as part of this trail project.

Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No, this project proposal does not anticipate altering or otherwise affecting drainage patterns in the vicinity of the site.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

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<sup>8 2014</sup> CESCL/BMPs

There could be some potential surface erosion as a result of the clearing and excavation period and preventative, industry standards will be required and in place to avoid surface erosion. Standard erosion and sediment controls will be required to be installed e.g. silt fencing, wattles, and gravel filter berms<sup>9</sup>

### 4. Plants

a. Check the types of vegetation found on the site:

| X | _deciduous tree: alder, maple, aspen, other                           |
|---|---|
| X | _evergreen tree: fir, cedar, pine, other                              |
| X | _shrubs   |
|   | grass   |
| p | pasture   |
| c | crop or grain   |
|   | Orchards, vineyards or other permanent crops.                         |
| X | _ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other |
| X | _water plants: water lily, eelgrass, milfoil, other                   |
| C | other types of vegetation   |

A detail inventory of vegetation found on site:10

### Abelia Ct at Cheasty GS: Cheasty Blvd

Zone & Vegetation Data

| Area (acres):       | Aspect                    |              |
|---------------------|---------------------------|--------------|
| 1.279364344         | SE                        |              |
| Target System:      |                           |              |
| Mesic-Moist Conifer | r and Conifer Deciduous I | Mixed Forest |
| Last Inventory:     |                           |              |
| 10/24/2013          |                           |              |
| Regenerating Tree   | es 🚽 Sum of SPA           |              |
| ■ Non-Invasive      |                           | 100          |
| bigleaf maple       |                           | 100          |
| ■Invasive           |                           | 100          |
| English holly       |                           | 100          |
| Grand Total         |                           | 200          |

| Tree-iage 3.0 Val     | It SUNP Tree-iage Value<br>None | <b>:</b> : |
|-----------------------|---------------------------------|------------|
| CWD Cover:<br>0-5%    | Litter Depth:<br>.5"-1"         |            |
| Soil Texture:         | Bare Ground Cover:<br>0-20%     |            |
| Tree Cover            | % Cover                         |            |
| <b>■ Non-Invasive</b> |                                 | 65         |
| bigleaf maple         | •                               | 60         |
| red alder             |                                 | 5          |
| ■Invasive             |                                 | 5          |
| English holly         |                                 | 5          |
| Grand Total           |                                 | 70         |

| Tree Diameter Class |            | -       |
|---------------------|------------|---------|
| 16-20"              |            |         |
|                     |            | _       |
| Tree Density        |            |         |
| Not recorded        |            |         |
| Understory Cover    | <b>+</b> 1 | % Cover |
| <b>■ Invasive</b>   |            | 90      |
| English ivy         |            | 70      |
| Himalayan blackber  | ry         | 20      |
| ■ Non-Invasive      |            | 68      |
| sword fern          |            | 15      |
| beaked hazelnut     |            | 15      |
| salmonberry         |            | 10      |
| low Oregon grape    |            | 10      |
| scouring rush       |            | 5       |
| indian plum         |            | 5       |
| creeping blackberry |            | 5       |
| ladyfern            |            | 1       |
| stinging nettle     |            | 0.5     |
| wall-lettuce        |            | 0.5     |
| salal               |            | 0.5     |
| red huckleberry     |            | 0.5     |
| Grand Total         |            | 158     |
|                     |            |         |

Canopy Cover 51-75%

<sup>9 2014</sup> CESCL/BMPs

<sup>10 2014</sup> greenseattle.org

### Cheasty Yard at Cheasty GS: Cheasty Blvd Zone & Vegetation Data

| 4.647807372  |      |
|--|------|
| 4.64/80/3/2  | flat |
| Target System:                                     |      |
| Dry-Mesic Conifer and Conifer Deciduous Mixed Fore |      |



| Tree-iage 3.0 Value: | SUNP Tree-iage Value |
|----------------------|----------------------|
| 2                    | 6                    |
|                      |                      |
| CWD Cover:           | Litter Depth:        |
| 0-5%                 | .5-1"                |
|                      |                      |
| Soil Texture:        | Bare Ground Cover:   |
| silt                 | 0-20%                |

| Zone            | Cheasty Yard | "T  |
|-----------------|--------------|-----|
|                 |              |     |
| Tree Cover      |              |     |
| ■ Non-Invasive  |              | 176 |
| bigleaf maple   |              | 150 |
| black cottonw   | ood          | 20  |
| bitter cherry   |              | 2   |
| Scouler's willo | W            | 2   |
| Pacific madro   | ne           | 2   |
| ■Invasive       |              | 6   |
| English holly   |              | 5   |
| cherry laurel   |              | 1   |
| Grand Total     |              | 182 |

| Canopy Cover: >76%             |
|--------------------------------|
| Tree Diameter Class:<br>16-20" |
| Tree Density:<br>Not recorded  |

| Zone                           | Cheasty Yard ✓ |
|--------------------------------|----------------|
| Understory Cover               | % Cover        |
| ■Non-Invasive                  | 243.7          |
| beaked hazelnut                | 90             |
| low Oregon grape               | 35             |
| sword fem                      | 30             |
| indian plum                    | 30             |
| creeping blackberry            | 20             |
| salal                          | 1              |
| bracken fern                   | :              |
| oceanspray                     |                |
| sowthistle                     | :              |
| snowberry                      |                |
| thimbleberry                   |                |
| fringecup                      |                |
| vine maple                     |                |
| red huckleberry                | 1.1            |
| bigleaved avens                |                |
| tall Oregon grape              |                |
| salmonberry                    |                |
| red elderberry                 |                |
| baldhip rose                   | 0.             |
| ladyfem                        | 0.             |
| slough sedge                   | 0.             |
| hardhack                       | 0.             |
| scouring rush                  | 0.             |
| Oregon boxwood, Oregon boxleaf | 0.             |
| Pacific ninebark               | 0.             |
| ∃Invasive                      | 43.            |
| Himalayan blackberry           | 1              |
| hedge false bindweed           | 15.            |
| English ivy                    |                |
| nipplewort                     |                |
| bull thistle                   |                |
| poison hemlock                 |                |
| herb Robert                    | 0.9            |
| Grand Total                    | 287.3          |

Canopy Cover: 0-25%

## chebvd\_14 at Cheasty GS: Cheasty Blvd Zone & Vegetation Data

| Area (acres):                                 | Aspect:                  |             |
|---|--------------------------|-------------|
| 1.141813575                                   | SE                       |             |
| Target System:                                |                          |             |
| Dry-Mesic Conifer a                           | and Conifer Deciduous Mi | ixed Forest |
| Last Inventory:                               |                          |             |
| 10/29/2013                                    |                          |             |
|   |                          |             |
|   |                          |             |
| Zone_Name                                     | chebvd_14                | Ţ           |
|   | chebvd_14                | J           |
|   |                          | 100         |
| =<br>Regenerating Tree                        | es → Sum of SPA          | 100<br>100  |
| –<br>Regenerating Tre<br>⊟Non-Invasive        | es → Sum of SPA          |             |
| Regenerating Tree Non-Invasive western red ce | es ⊶ Sum of SPA          | 100         |

| Tree-iage 3.0 Value:<br>5 | SUNP Tree-lage Value:<br>6   |
|---------------------------|------------------------------|
| CWD Cover:<br>0-5%        | Litter Depth:<br><.5"        |
| Soil Texture:<br>silt     | Bare Ground Cover:<br>40-60% |
| Zone                      | chebvd_14                    |
| Tree Cover                | → % Cover                    |
| ■Non-Invasive             | 24                           |
| bigleaf maple             | 20                           |
| western yew               | 2                            |
| black cottonwood          | 2                            |
| <b>■Invasive</b>          | 3.5                          |
| horticultural cherry spec | cies 2                       |
| cherry laurel             | 1                            |
| oneseed hawthom           | 0.5                          |
| Grand Total               | 27.5                         |

| Tree Diameter Class:<br>5-15" |             |
|-------------------------------|-------------|
| Tree Density:                 | _           |
| Not recorded                  |             |
| Zone                          | chebvd_14 🛒 |
| Understory Cover              | % Cover     |
| ■Non-Invasive                 | 42.5        |
| salal                         | 20          |
| vine maple                    | 10          |
| beaked hazelnut               | 5           |
| sword fem                     | 2           |
| tall Oregon grape             | 2           |
| creeping blackberry           | 1           |
| salmonberry                   | 0.5         |
| hairy honeysuckle             | 0.5         |
| fringed willowherb            | 0.5         |
| honeysuckle                   | 0.5         |
| red elderberry                | 0.5         |
| ■Invasive                     | 21          |
| Himalayan blackberry          | 15          |
| English ivy                   | 5           |
| scotch broom                  | 1           |
| Grand Total                   | 63.5        |

### Cheasty Yard East at Cheasty GS: Cheasty Blvd Zone & Vegetation Data

| Area (acres):           | Aspect                         |     |
|-------------------------|--------------------------------|-----|
| 1.906661948             | SE                             |     |
| Target System:          |                                | _   |
| Mesic-Moist Conifer and | Conifer Deciduous Mixed Forest |     |
| Last Inventory:         |                                | _   |
| 10/29/2013              |                                |     |
| Regenerating Trees      | → Sum of SPA                   |     |
| ■Non-Invasive           | 2                              | 200 |
| bigleaf maple           | 2                              | 200 |
|                         |                                | 200 |

| CWD Cover:            |     | Litter Depth:               |
|-----------------------|-----|-----------------------------|
| 5-10%                 |     | >1"                         |
| Soil Texture:<br>silt |     | Bare Ground Cover:<br>0-20% |
| Tree Cover            | 4   | % Cover                     |
| ■Non-Invasive         |     | 70                          |
| bigleaf maple         |     | 45                          |
| red alder             |     | 20                          |
| black cottonw         | bod | 5                           |
| Grand Total           |     | 70                          |
|                       |     |                             |

Tree-iage 3.0 Value: SUNP Tree-iage Value:

None

| 5-15"                |           |       |
|----------------------|-----------|-------|
| Tree Density         | _         |       |
| Not recorded         |           |       |
| Understory Cover     | → % Cover |       |
| ■Non-Invasive        |           | 86.5  |
| beaked hazelnut      |           | 25    |
| sword fem            |           | 15    |
| creeping blackberry  |           | 15    |
| low Oregon grape     |           | 15    |
| snowberry            |           | 10    |
| scouring rush        |           | 2     |
| stinging nettle      |           | 1     |
| oceanspray           |           | 1     |
| ladyfem              |           | 1     |
| bracken fern         |           | 1     |
| bigleaved avens      |           | 0.5   |
| ⊟Invasive            |           | 56    |
| Himalayan blackberry |           | 50    |
| English ivy          |           | 5     |
| nipplewort           |           | 0.5   |
| hedge false bindweed |           | 0.5   |
| Grand Total          |           | 142.5 |

Canopy Cover

Tree Diameter Class

51-75%

### chebvd\_14 at Cheasty GS: Cheasty Blvd Zone & Vegetation Data

| Area (acres):         | Aspect:                |            |
|-----------------------|------------------------|------------|
| 1.141813575           | SE                     |            |
| Target System:        |                        |            |
| Dry-Mesic Conifer and | d Conifer Deciduous Mi | xed Forest |
| Last Inventory:       |                        |            |
| 10/29/2013            |                        |            |
|                       |                        |            |
| Zone_Name             | chebvd_14              | Ţ          |
| D                     |                        |            |
| Regenerating Trees    | S W Sum of SPA         | 400        |
|                       |                        | 100        |
| western red ced       | ar                     | 100        |
| ■Invasive             |                        | 150        |
| - IIIVa SIVC          |                        |            |
| Norway maple          |                        | 150        |

| 5                        | 6             |       |
|--------------------------|---------------|-------|
| CWD Cover:               | Litter Depth: |       |
| 0-5%                     | <.5"          |       |
| Soil Texture:            | Bare Ground C | over: |
| silt                     | 40-60%        |       |
| Zone                     | chebvd 14     | Ţ     |
|                          |               |       |
| Tree Cover               | → % Cover     |       |
| ■Non-Invasive            |               | 24    |
| bigleaf maple            |               | 20    |
| western yew              |               | 2     |
| black cottonwood         |               | 2     |
| ■Invasive                |               | 3.5   |
| horticultural cherry spe | cies          | 2     |
| cherry laurel            |               | 1     |
| oneseed hawthorn         |               | 0.5   |
| Grand Total              |               | 27.5  |

SUNP Tree-iage Value:

Tree-iage 3.0 Value:

|                      | _            |
|----------------------|--------------|
| Tree Diameter Class: | -            |
| 5-15"                |              |
|                      |              |
| Tree Density:        | -            |
| Not recorded         |              |
|                      |              |
|                      |              |
| Zone                 | chebvd_14 →T |
|                      |              |
| Understory Cover     | % Cover      |
| ■Non-Invasive        | 42.5         |
| salal                | 20           |
| vine maple           | 10           |
| beaked hazelnut      | 5            |
| sword fem            | 2            |
| tall Oregon grape    | 2            |
| creeping blackberry  | 1            |
| salmonberry          | 0.5          |
| hairy honeysuckle    | 0.5          |
| fringed willowherb   | 0.5          |
| honeysuckle          | 0.5          |
| red elderberry       | 0.5          |
| ⊟Invasive            | 21           |
| Himalayan blackberry | 15           |
| English ivy          | 5            |

1 63.5

scotch broom

**Grand Total** 

Canopy Cover 51-75%

5-15" Tree Density

Tree Diameter Class

Canopy Cover: 0-25%

### Columbian Way at Cheasty GS: Cheasty Blvd

Zone & Vegetation Data

| Area (acres):       | Aspect                |              |
|---------------------|-----------------------|--------------|
| 0.850293645         | SE                    |              |
| Target System:      |                       |              |
| Mesic-Moist Conifer | and Conifer Deciduous | Mixed Forest |
|                     |                       |              |
| Last Inventory:     |                       |              |
| 10/29/2013          |                       |              |
| D T                 | - Com of CDA          |              |
| Regenerating Tree   | S 🕶 Sum of SPA        |              |
| ■ Non-Invasive      |                       | 250          |
| bigleaf maple       |                       | 250          |
| Grand Total         |                       | 250          |

| Tree-iage 3.0 Value 2 | SUNP Tree-iage Value:       |
|-----------------------|-----------------------------|
| CWD Cover:<br>0-5%    | Litter Depth: >1"           |
| Soil Texture:<br>silt | Bare Ground Cover:<br>0-20% |
| Tree Cover            | % Cover                     |
| ■ Non-Invasive        | 72                          |
| bigleaf maple         | 70                          |
| red alder             | 2                           |
| Grand Total           | 72                          |
|                       |                             |

| Not recorded        |       |
|---------------------|-------|
| Understory Cover    |       |
| ■ Non-Invasive      | 103.5 |
| sword fem           | 30    |
| low Oregon grape    | 30    |
| beaked hazelnut     | 25    |
| indian plum         | 10    |
| red huckleberry     | 2     |
| creeping blackberry | 2     |
| scouring rush       | 1     |
| stinging nettle     | 1     |
| bigleaved avens     | 0.5   |
| thimbleberry        | 0.5   |
| wall-lettuce        | 0.5   |
| Nootka rose         | 0.5   |
| oceanspray          | 0.5   |
| ■Invasive           | 15    |
| English ivy         | 15    |
| Grand Total         | 118.5 |

### EC 1 at Cheasty GS: Cheasty Blvd

Zone & Vegetation Data

| Area (acres):  | Aspect  |
|--|---|
| 5.752886211  | SE  |
|  |   |
| Target System:   |   |
| Riparian Forest and Shrubland  |   |
|  |   |
| Last Inventory:  |   |
| 11/2/2013  |   |
|  |   |
|  |   |
|  |   |
| Regenerating Trees   | ↓ Sum of SPA  |
| Regenerating Trees  Non-Invasive   | → Sum of SPA<br>8.33  |
|  |   |
| ■Non-Invasive  | 8.33  |
| ■ Non-Invasive red alder   | 8.33<br>8.33  |
| ■ Non-Invasive red alder ■ Invasive  | 8.33<br>8.33<br>1091.67   |
| ■ Non-Invasive red alder ■ Invasive English holly                              | 8.33<br>8.33<br>1091.67<br>483.33                               |
| ■ Non-Invasive red alder ■ Invasive English holly sycamore maple               | 8.33<br>8.33<br>1091.67<br>483.33<br>283.33                     |
| ■ Non-Invasive red alder ■ Invasive English holly sycamore maple cherry laurel | 8.33<br>8.33<br>1091.67<br>483.33<br>283.33<br>200.00<br>116.67 |

| pth:       |
|------------|
|            |
| und Cover: |
|            |
|            |

| Tree Cover       |    |
|------------------|----|
| ■ Non-Invasive   | 50 |
| bigleaf maple    | 30 |
| red alder        | 20 |
| <b>∃Invasive</b> | 12 |
| sycamore maple   | 10 |
| Norway maple     | 2  |
| Grand Total      | 62 |
|                  |    |

| Canopy Cover<br>51-75%       |
|------------------------------|
| Tree Diameter Class<br>5-15" |
| Tree Density<br>Not recorded |

| Understory Cover                    | → W Cover |
|-------------------------------------|-----------|
| ■Non-Invasive                       | 68.5      |
| salmonberry                         | 30        |
| creeping blackberry                 | 10        |
| horticultural rhododendron varietie | es 8      |
| beaked hazelnut                     | 5         |
| sword fern                          | 5         |
| indian plum                         | 5         |
| low Oregon grape                    | 2         |
| red huckleberry                     | 1         |
| ladyfern                            | 1         |
| skunk cabbage                       | 0.5       |
| thimbleberry                        | 0.5       |
| bigleaved avens                     | 0.5       |
| ⊟Invasive                           | 22        |
| Himalayan blackberry                | 20        |
| English ivy                         | 2         |
| Grand Total                         | 90.5      |
|                                     |           |

Canopy Cover 51-75%

### EC 2 at Cheasty GS: Cheasty Blvd

Zone & Vegetation Data

| Area (acres):   | Aspect                              |
|---|-------------------------------------|
| 3.224708125   | SE                                  |
| Target System:  |                                     |
| Dry-Mesic Conifer a   | and Conifer Deciduous Mixed Forest  |
| Last Inventory:   |                                     |
|   |                                     |
| 11/2/2013   |                                     |
|   | es → Sum of SPA                     |
|   | es → Sum of SPA                     |
| Regenerating Tre  | 16.6                                |
| Regenerating Tre<br>■Non-Invasive                               | 16.6                                |
| Regenerating Tre  Non-Invasive  western red ce                  | 16.6<br>edar 16.6                   |
| Regenerating Tre<br>■Non-Invasive<br>westem red co<br>■Invasive | 16.6<br>edar 16.6<br>316.6<br>216.6 |

| Tree-iage 3.0 Value: | SUNP Tree-iage Value: |
|----------------------|-----------------------|
| 5                    | 6                     |
|                      |                       |
| CWD Cover:           | Litter Depth:         |
| 5-10%                | >1"                   |
|                      |                       |
| Soil Texture:        | Bare Ground Cover:    |
| silt                 | 0-20%                 |
|                      |                       |
| Tree Cover           | - ↓ % Cover           |
| ■Non-Invasive        | 64.5                  |
| bigleaf maple        | 60                    |
| western red ceda     | ır 2                  |
| red alder            | 2                     |
| western hemlock      | 0.5                   |
| ■Invasive            | 2                     |
| sycamore maple       | 1                     |
| cherry laurel        | 0.5                   |
| English holly        | 0.5                   |
| Grand Total          | 66.5                  |

| Tree Diameter Class              |       | _       |
|----------------------------------|-------|---------|
| 16-20"                           |       |         |
| Tree Density                     |       | -       |
| Not recorded                     |       |         |
| Understory Cover                 | ŢŢ.   | % Cover |
| <b>■Non-Invasive</b>             |       | 76      |
| creeping blackberry              |       | 20      |
| sword fem                        |       | 15      |
| beaked hazelnut                  |       | 10      |
| salal                            |       | 10      |
| horticultural rhododendron varie | eties | 7       |
| indian plum                      |       | 5       |
| ladyfem                          |       | 2       |
| low Oregon grape                 |       | 2       |
| bracken fem                      |       | 1       |
| red huckleberry                  |       | 1       |
| snowberry                        |       | 1       |
| wall-lettuce                     |       | 0.5     |
| hardhack                         |       | 0.5     |
| salmonberry                      |       | 0.5     |
| stinging nettle                  |       | 0.5     |
| ∃Invasive                        |       | 25      |
| Himalayan blackberry             |       | 20      |
| English iw                       |       | 5       |

### b. What kind and amount of vegetation will be removed or altered?

It is anticipated that a small amount of shrubs, understory and invasive plants will be cleared for the trail construction. Approximately 27,456 square feet of vegetation for the pedestrian trail and approximately 23,760 square feet of vegetation for the bike trail. Total amount of vegetation removed is approximately 1.17 acres of shrubs, understory and invasive plants.

The sides of the trails will be re-planted with native shrubs and ground coverage. No trees will be taken down as any part of this proposed project. Only any potentially hazardous tree identified will be inspected by a City Arborist to determine the Health, Safety and Welfare to the public and greenbelt.

b. List threatened and endangered species known to be on or near the site.

No threatened or endangered species are known on the project site. The forest and wetland habitats contain a diverse community of trees and shrubs that provide food and shelter for a number of songbirds and woodpeckers, amphibians, and small mammals. Bird species observed during field investigation included Steller's jay, northern flicker, downy woodpecker, American robin, golden-crowned kinglet, black-capped chickadee, bushtit, Bewick's and winter wren, song sparrow, and Anna's hummingbird. Pileated woodpecker excavations were encountered in multiple trees and snags across the greenspace. These bird species are considered common residents in Puget Sound lowlands. Other common species that likely inhabit the greenspace include sharp-shinned hawk, red-breasted nuthatch, darkeyed junco, hermit thrush, golden-crowned sparrow, American goldfinch, and spotted towhee. Neotropical migrants such as orange-crowned warbler and Swainson's thrush are likely to breed in the area during spring and summer. No mammals or amphibians were observed during field investigation, but species expected to be present in the greenspace include gray squirrel, Northern raccoon, Virginia opossum, coyote, Pacific chorus frog, garter snake and potentially deer.

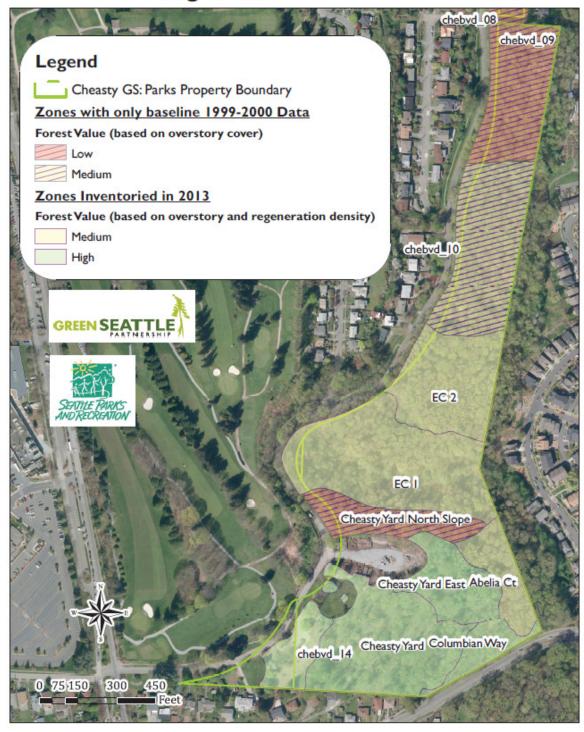
d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

The Cheasty Greenbelt is part of the Green Seattle Partnership restoration program of restoring 2,500 acres of forested parklands throughout the City by 2025. The Cheasty community volunteers have spent over 32,000 hours during the last ten years removing invasive plant material and planted over 10,000 native plants to the Cheasty Greenbelt site<sup>11</sup>. The community volunteers are continuously working to restore the greenbelt through the Green Seattle Partnership program.

See map below:

<sup>&</sup>lt;sup>11</sup> Greenseattle.org 2015

# Cheasty Greenspace GSP Management Zones & Forest Value



e. List all noxious weeds and invasive species known to be on or near the site.

Invasive vegetation found on site:

- English holly
- Himalayan blackberry

- Hedge false bindweed
- Nipplewort
- Bull thistle
- Poison hemlock
- Herb robert
- Cherry laurel
- Oneseed hawthorn
- Scotch broom
- Sycamore maple
- Norway maple

### 5. Animals

a. <u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site. Examples include:

The forest and wetland habitats contain a diverse community of trees and shrubs that provide food and shelter for a number of songbirds and woodpeckers, amphibians, and small mammals. Bird species observed during field investigation included Steller's jay, northern flicker, downy woodpecker, American robin, golden-crowned kinglet, black-capped chickadee, bushtit, Bewick's and winter wren, song sparrow, and Anna's hummingbird. Pileated woodpecker excavations were encountered in multiple trees and snags across the greenspace. These bird species are considered common residents in Puget Sound lowlands. Other common species that likely inhabit the greenspace include sharp-shinned hawk, red-breasted nuthatch, darkeyed junco, hermit thrush, golden-crowned sparrow, American goldfinch, and spotted towhee. Neotropical migrants such as orange-crowned warbler and Swainson's thrush are likely to breed in the area during spring and summer. No mammals or amphibians were observed during field investigation, but species expected to be present in the greenspace include gray squirrel, Northern raccoon, Virginia opossum, coyote, Pacific chorus frog, garter snake and potentially deer.

b. List any threatened and endangered species known to be on or near the site.

No threatened or endangered species are known on the project site.

c. Is the site part of a migration route? If so, explain.

No none migration route known

d. Proposed measures to preserve or enhance wildlife, if any:

The trail project is designed to minimize the sites impact to help preserve the existing urban wildlife on site. The GSP restoration work of removing invasive plant species and re-plant native plant material will improve and enhance wildlife habitat.

e. List any invasive animal species known to be on or near the site.

No none invasive animal species known on site

### 6. Energy and natural resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

N/A, none used for this project.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No, this project will not affect any potential use of solar energy.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

N/A, this project has no impacts on energy conservation.

### 7. Environmental health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.

The site has had a history of legal dumping of household items and has a history of homeless encampments on site.

1) Describe any known or possible contamination at the site from present or past uses.

N/A

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

N/A

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

N/A

4) Describe special emergency services that might be required.

N/A

5) Proposed measures to reduce or control environmental health hazards, if any:

N/A

#### b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Potential noise impact only from the small equipment used during construction, impact should be minimal with the use of small equipment.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hour's noise would come from the site.

This project anticipate having a short-term noise level during construction, impact should be minimal with the use of small equipment.

3) Proposed measures to reduce or control noise impacts, if any:

During construction, to reduce and control noise impact, project will follow the standard construction work hours outline by the City of Seattle Department of Planning and Development.<sup>12</sup>

### 8. Land and shoreline use

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The parcel site is 28.4 acres<sup>13</sup> in size and current Land Use Zoning is SF 5000. The parcel is currently vacant and owned by the Seattle Parks and Recreation. This site is part of the Cheasty Greenbelt located in the Beacon Hill Neighborhood. The site is currently active as part of the City's urban forest restoration efforts through the Green Seattle Partnership program.

The site is adjacent to Cheasty Boulevard to the west, Seattle Housing Authority property (Rainier Vista Development) to the east, Columbia Way to the south, and the continuation of the greenbelt to the north.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

Yes, The site is currently active as part of the City's urban forest restoration efforts

<sup>12 2015</sup> seattle.gov/dpd

<sup>13 2015</sup> Seattle.gov/DPD/Parceldata

through the Green Seattle Partnership program.<sup>14</sup>

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No, the proposed project will not have any effects on the current restoration work in the Cheasty greenbelt.

c. Describe any structures on the site.

No structures are on site, the site is currently vacant and is an urban greenbelt.

d. Will any structures be demolished? If so, what?

No structures on site to be demolished.

e. What is the current zoning classification of the site?

The current Land Use Zoning is SF 5000.

f. What is the current comprehensive plan designation of the site?

The current comprehensive plan designation for the Cheasty Greenbelt is "Parkland"

g. If applicable, what is the current shoreline master program designation of the site?

N/A, no shoreline master program relevant.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Yes, as part of the City of Seattle Department of Planning and Development as identified some areas of this site to have:

- 40% Steep Slope
- Potential Slide Area
- Known Slide Area
- Wetlands
- Wildlife Preserve Area<sup>15</sup>
- i. Approximately how many people would reside or work in the completed project?

No residence will reside on the site, the Greenbelt will be used by Park Users.

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<sup>&</sup>lt;sup>14</sup> 2015 greenseattle.org

<sup>15 2015</sup> Seattle.gov/dpd

j. Approximately how many people would the completed project displace?

No person will be displaced from this project

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The proposed trail project is compatible with the existing urban forested parkland. The project meets and follows the Seattle Parks and Recreation Trail Standards and will also follow the IMBA Bike Trail Standard. The proposed project's location and design was reviewed and accepted by Parks Staff at the March 2015 ProView meeting.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

N/A

### 9. Housing

 a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A

c. Proposed measures to reduce or control housing impacts, if any:

N/A

### 10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

b. What views in the immediate vicinity would be altered or obstructed?

None

c. Proposed measures to reduce or control aesthetic impacts, if any:

N/A

### 11. Light and glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

N/A

b. Could light or glare from the finished project be a safety hazard or interfere with views?

N/A

c. What existing off-site sources of light or glare may affect your proposal?

N/A

d. Proposed measures to reduce or control light and glare impacts, if any:

N/A

### 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
  - Seattle Parks and Recreation natural area
  - Green Seattle Partnership restoration site
- b. Would the proposed project displace any existing recreational uses? If so, describe.

No displacement of existing recreational use

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

This proposed project will provide bicycling and walking activities for the community

### 13. Historic and cultural preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.

The Cheasty Boulevard South was declared a City of Seattle landmark in 2003, as part of the Seattle's Olmsted park system.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

The Cheasty Boulevard South was declared a City of Seattle landmark in 2003, as part of the Seattle's Olmsted park system.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

This proposed project poses no impact to the historic resources along Cheasty Boulevard.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

N/A

### 14. Transportation

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The site is adjacent to Cheasty Boulevard to the west, Seattle Housing Authority property (Rainier Vista Development) to the east, Columbia Way to the south, and the continuation of the greenbelt to the north.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

Yes. Soundtransit and Metro Bus services are available within a 1/4 mile of the site.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

No parking lots or spaces are proposed with this project.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

This project will not require any new or improvements to the existing roads or pedestrian facilities.

| e. | Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.  |
|----|--|
|    | N/A  |
| f. | How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? |
|    | N/A, this project is not intended to generate daily vehicle trips, Park users are intended to walk or bike to the trails.  |
| g. | Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.  |
| h. | No<br>Proposed measures to reduce or control transportation impacts, if any:   |
|    | N/A  |
| 15 | . Public services  |
| a. | Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.   |
|    | No   |
| b. | Proposed measures to reduce or control direct impacts on public services, if any.  |
|    | No   |
| 16 | 5. Utilities   |
| a. | Circle utilities currently available at the site: (electricity), (natural gas), (water), (refuse service), (telephone), (sanitary sewer), septic system, other   |
| b. | Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.   |
|    | No utilities are required for this proposed project  |

### C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

| Signature:        | < <signature on="" original="">&gt;</signature>        |
|-------------------|--|
| Name of signee _  | Jon Jainga   |
| Position and Age  | ncy/Organization: Planning and Development Supervisor, |
| Seattle Parks and | d Recreation   |
| Date Submitted:   | June 4, 2015   |